

FIG. 1

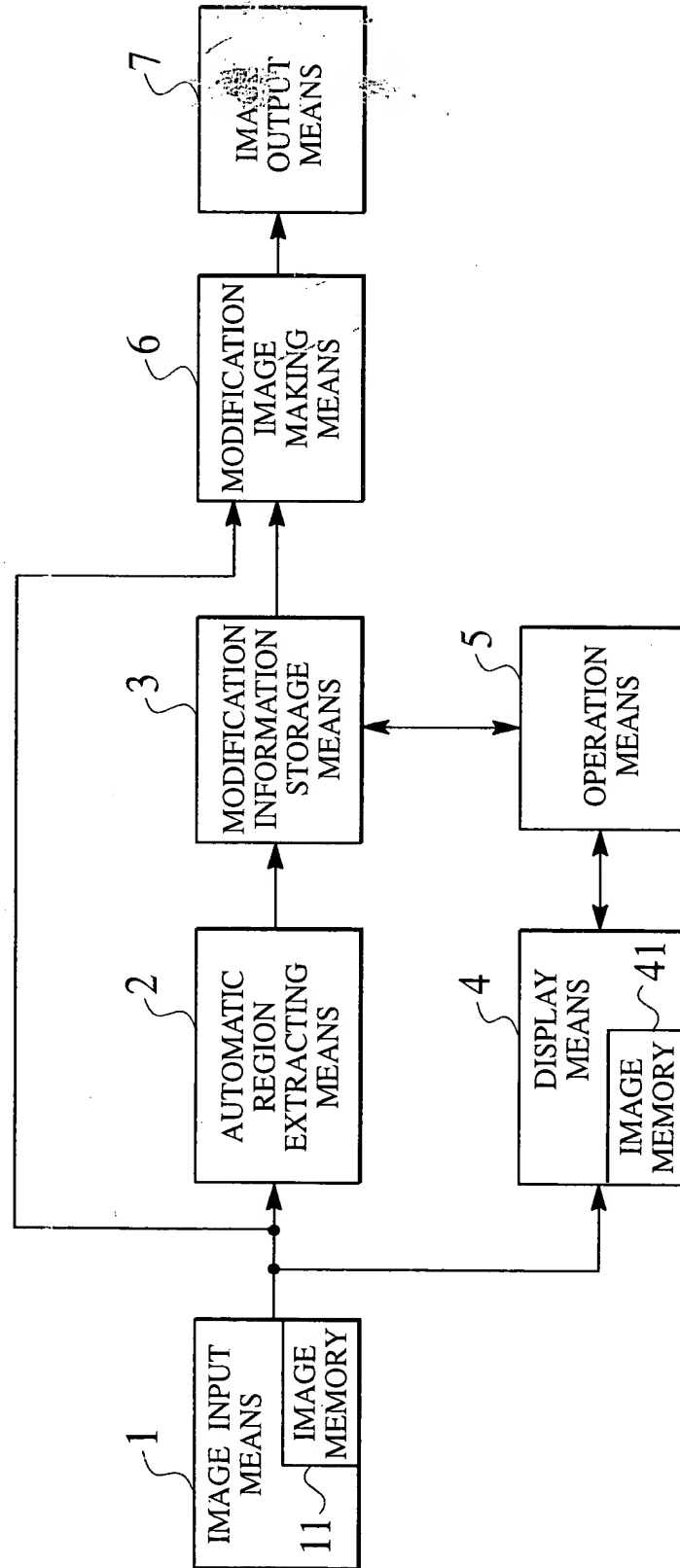


FIG. 2

AUTOMATIC REGION EXTRACTING MEANS 2

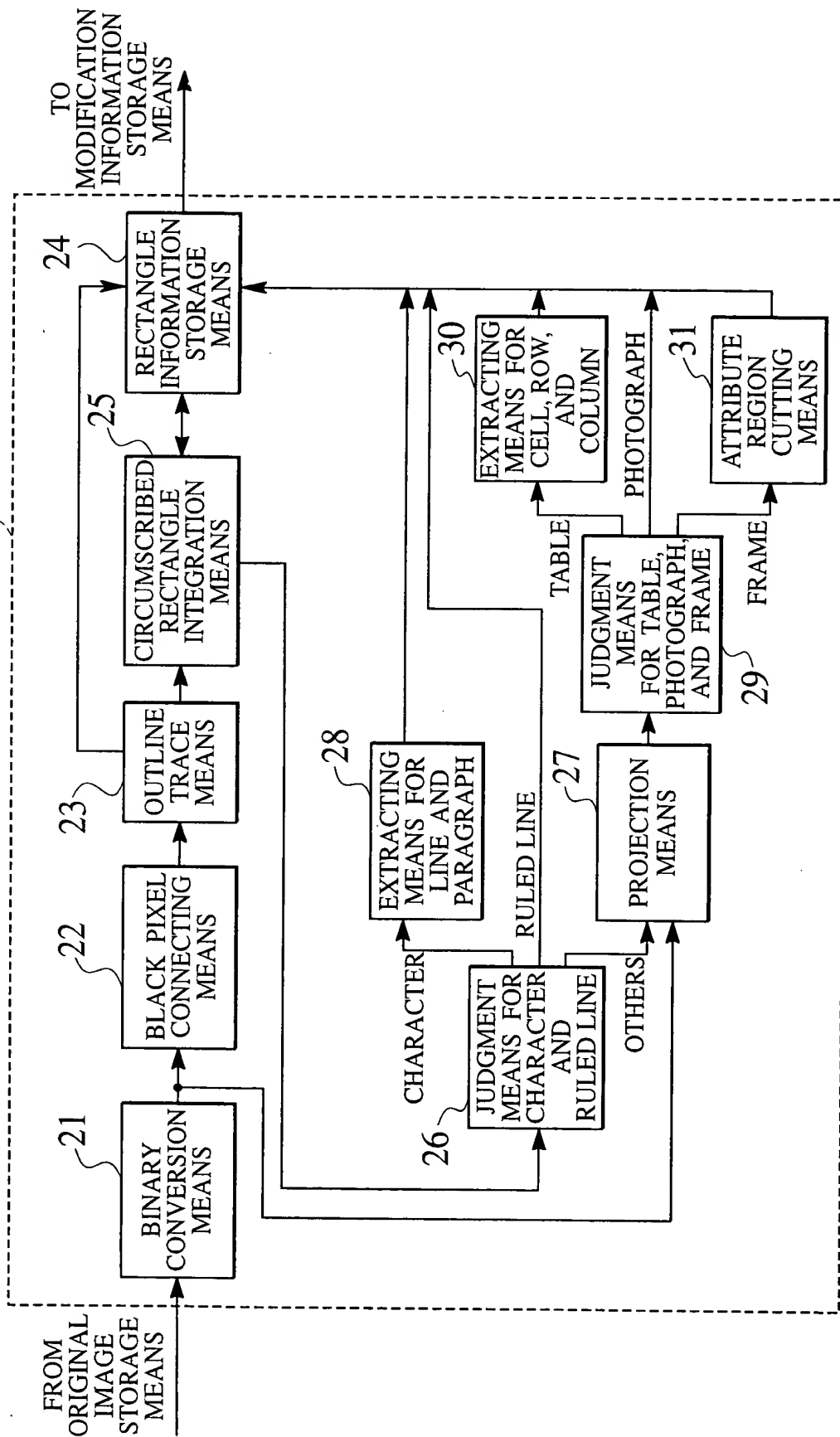
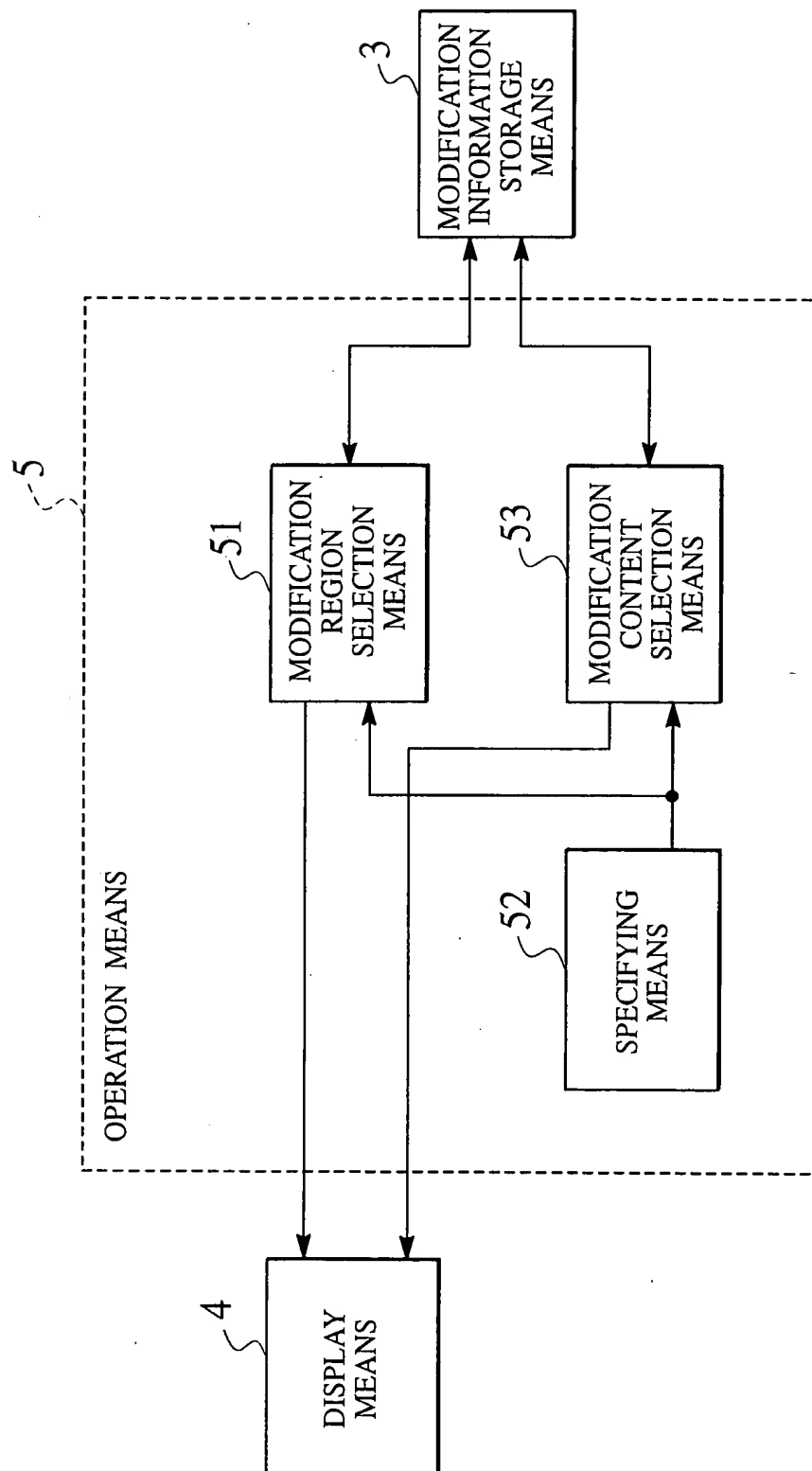


FIG. 3



RISO Lab.Times

5.30大運動会 Aチーム優勝！！

[illegible]

	Aチーム	Bチーム	Cチーム
ソフト1	----	----	----
ソフト2	----	----	----
キック1	----	----	----
キック2	----	----	----
----	----	----	----

◆◆◆ハイライト◆◆◆

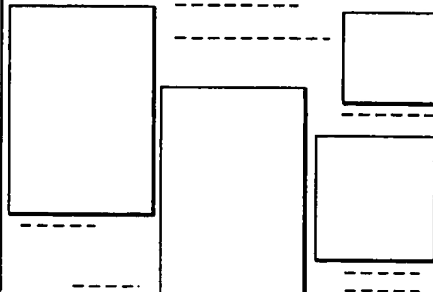


FIG. 5

ORIGINAL IMAGE

スケッチ(手がき製版)する
左の写真は手がき製版しているところ
です。マスタブックを開くと、RGのマスタ
のような原紙が、台紙に軽く固定されて
います。これを外し、原紙と台紙の間にヤ

MAGNIFIED VIEW

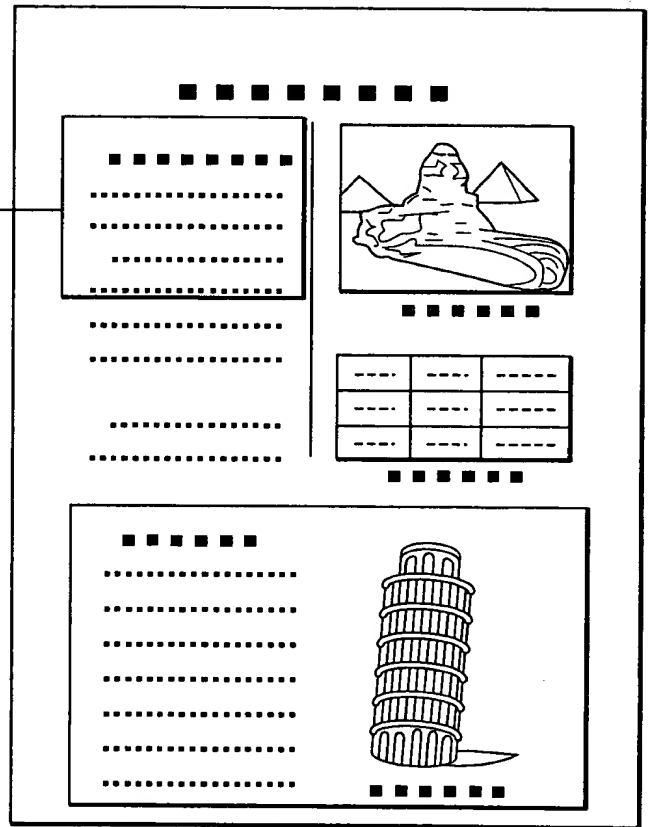


FIG. 6

BINARIZATION AND CONTINUOUS WHITE PIXELS DETECTION PROCESS

スケッチ(手がき製版)する
左の写真は手がき製版しているところ
です。マスタブックを開くと、RGのマスタ
のような原紙が、台紙に軽く固定されて
います。これを外し、原紙と台紙の間にヤ

MAGNIFIED VIEW

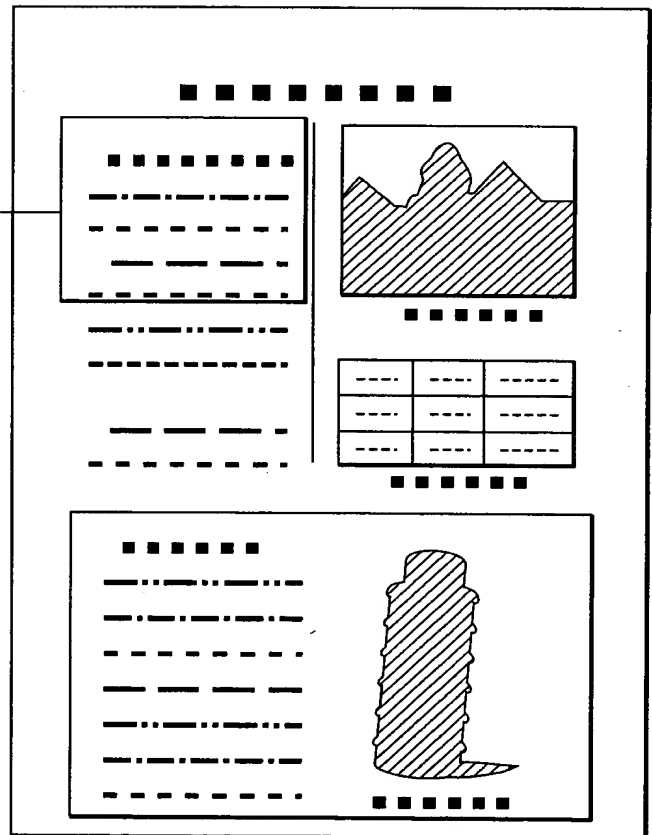


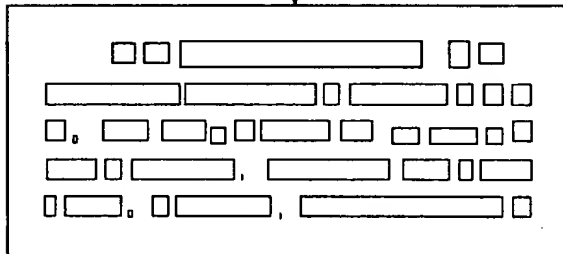
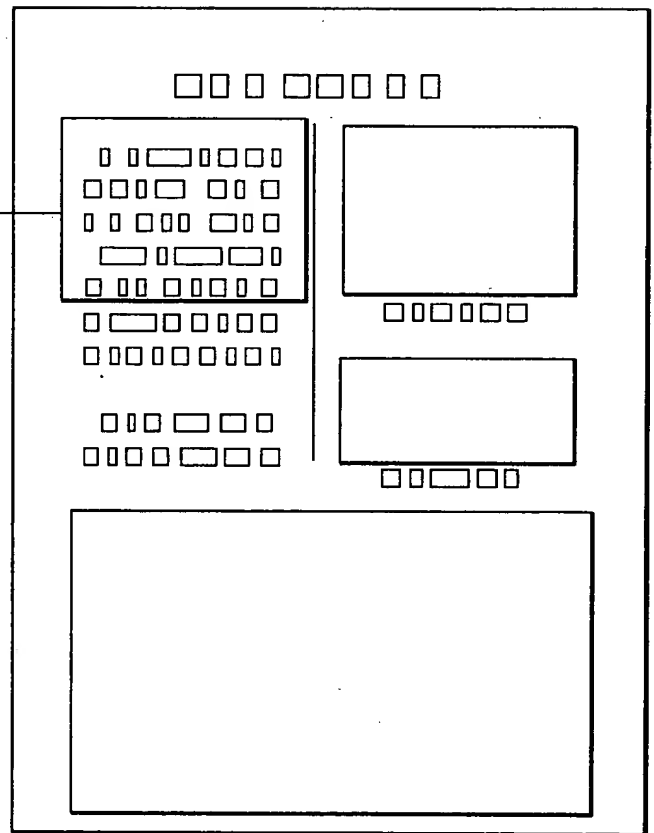
FIG. 7

OUTLINE DETECTION
PROCESS

MAGNIFIED VIEW

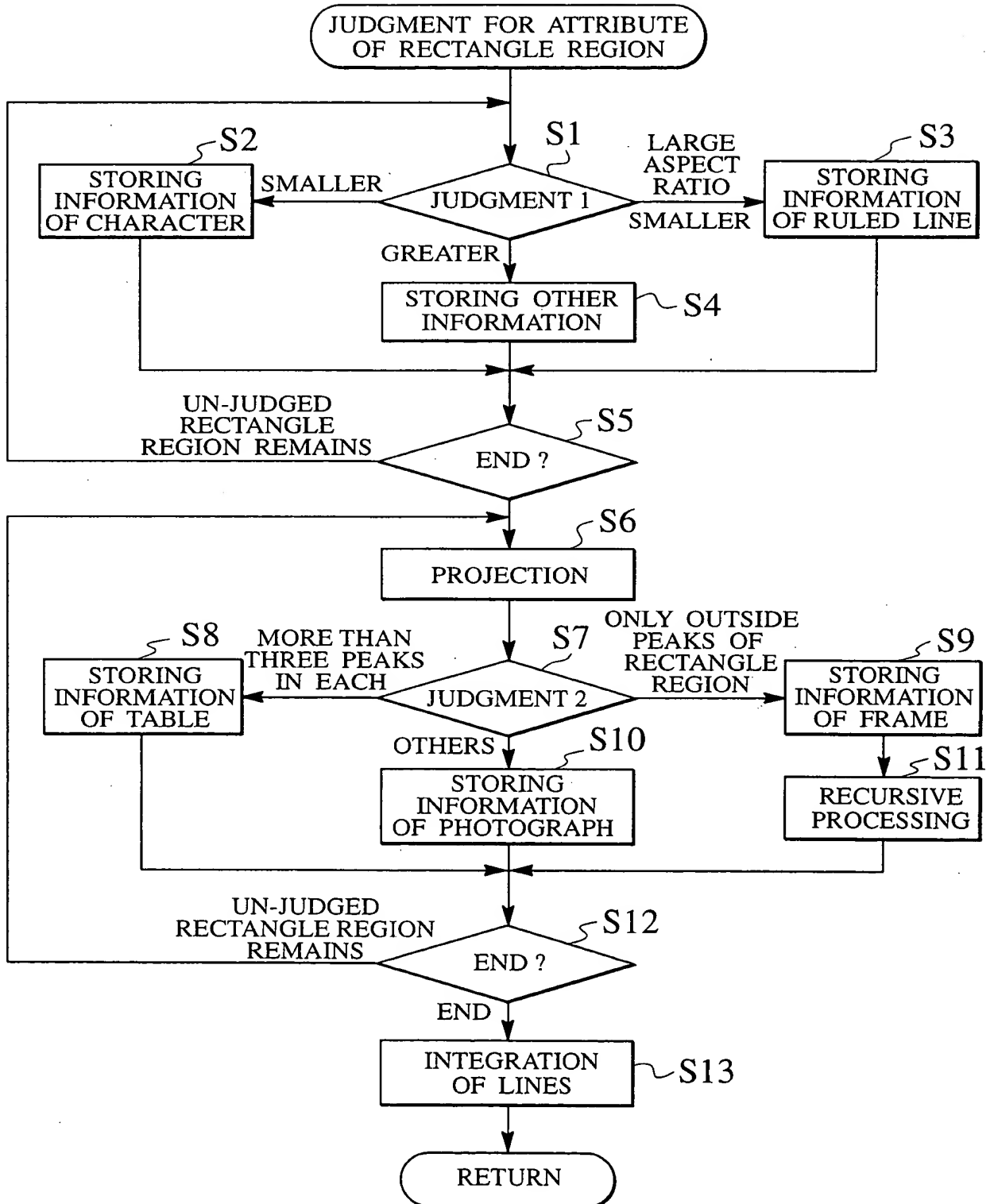
スケッチ(手が~~な~~見)する
左の写~~真~~がき~~き~~しているところ
で。マスダブロックを~~一~~と、~~二~~のマス
タのよう~~な~~、~~三~~で~~四~~されて
います。これ~~五~~、~~六~~と~~七~~ヤ

OUTLINE

CIRCUMSCRIBED
RECTANGLE

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FIG. 8



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FIG. 9

CONDITION	ATTRIBUTE
$H_s < T_k$ AND $W_s/H_s > T_r$ OR $W_s < T_k$ AND $H_s/W_s > T_r$	RULED LINE
WHEN DOES NOT SATISFY CONDITION OF RULED LINE AND $T_k \leq H_s < T_c$	CHARACTER
WHEN DOES NOT SATISFY ABOVE BOTH CONDITIONS	OTHERS

T.06.F.00" 26.42/50

FIG. 10A

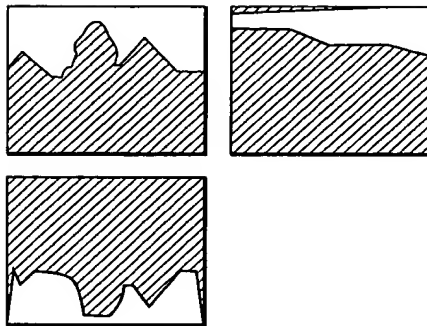


FIG. 10B

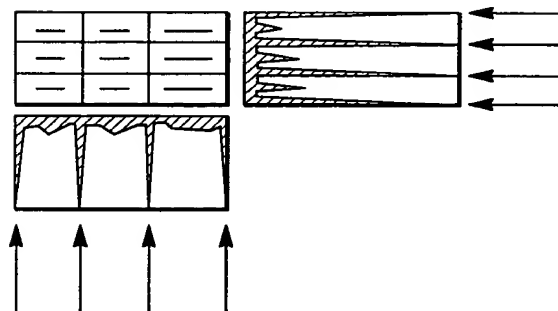
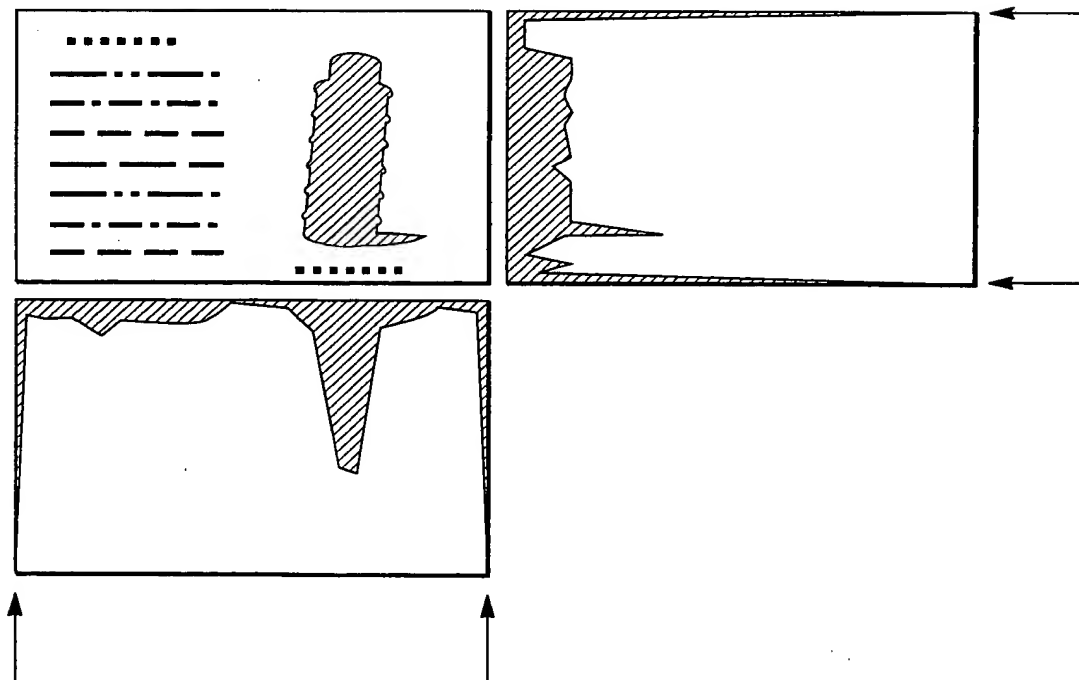


FIG. 10C



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FIG. 11

CONDITION	ATTRIBUTE
IN BOTH VERTICAL AND HORIZONTAL DIRECTIONS THREE PEAKS	TABLE
IN BOTH VERTICAL AND HORIZONTAL DIRECTIONS TWO PEAKS	FRAME
DOES NOT SATISFY ABOVE BOTH CONDITIONS	PHOTOGRAPH

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FIG. 12

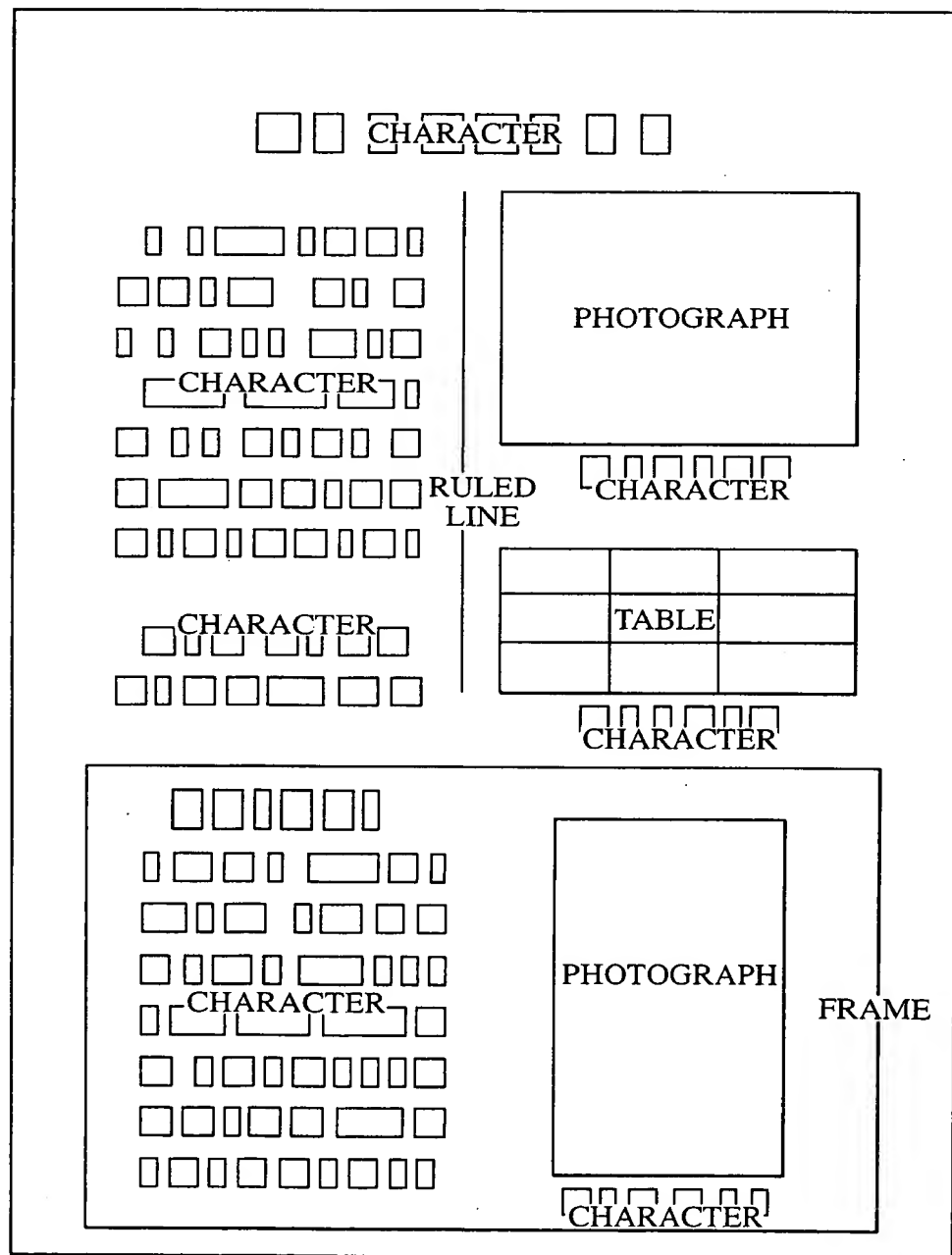


FIG. 13A

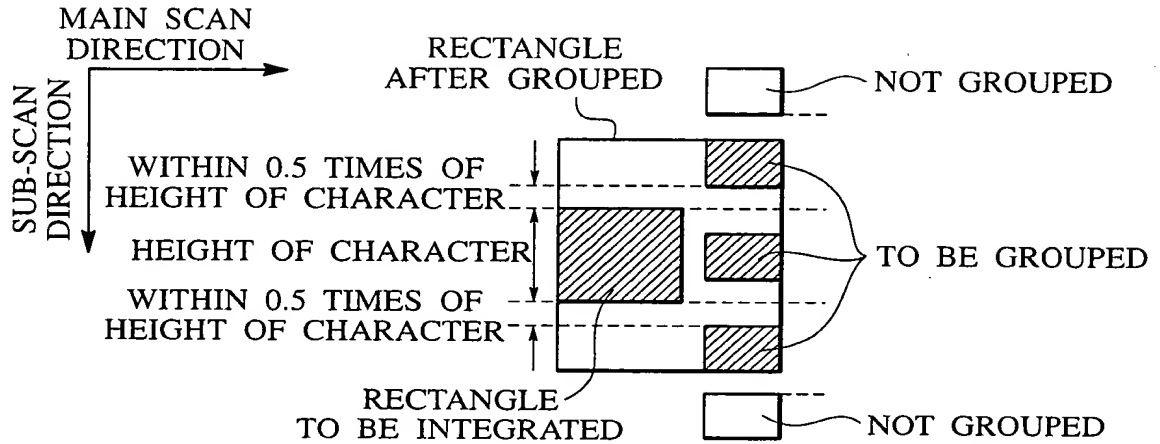


FIG. 13B

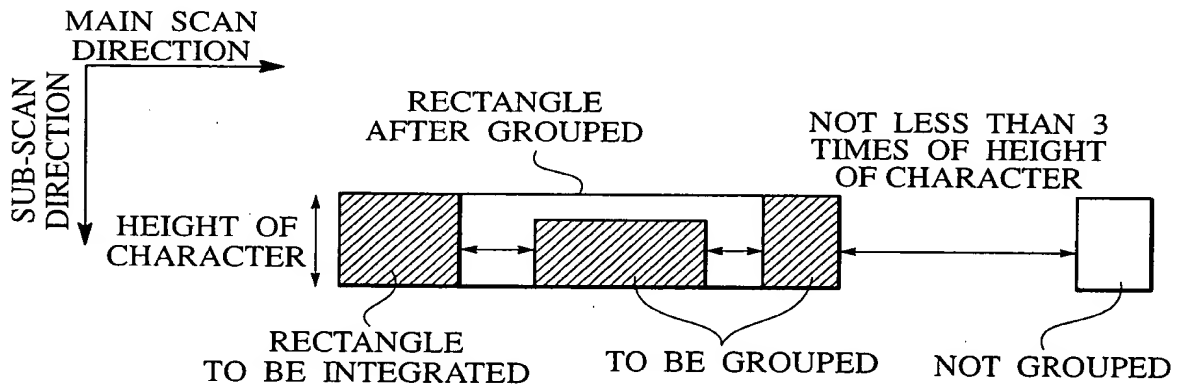


FIG. 13C

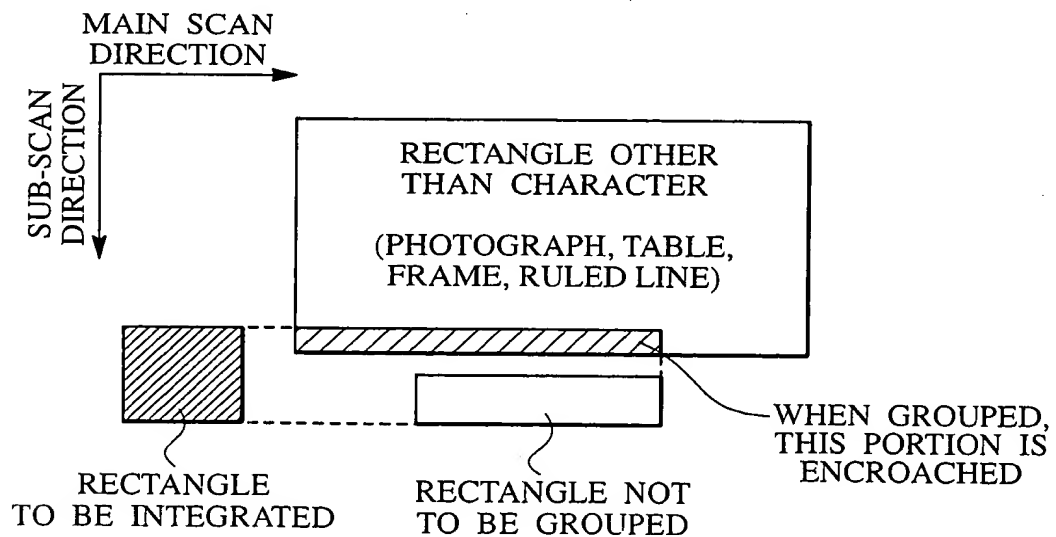


FIG. 14

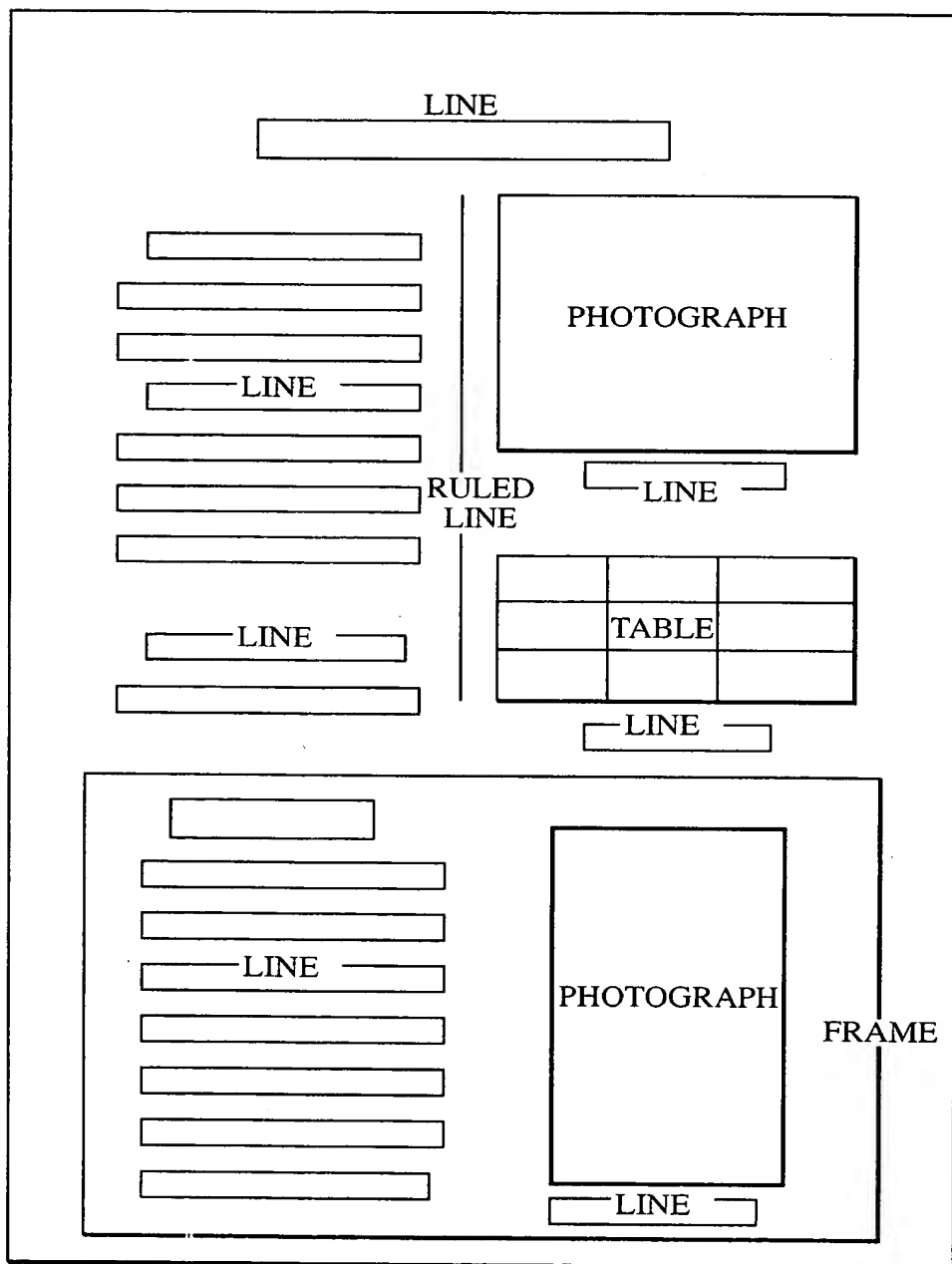


FIG. 15A

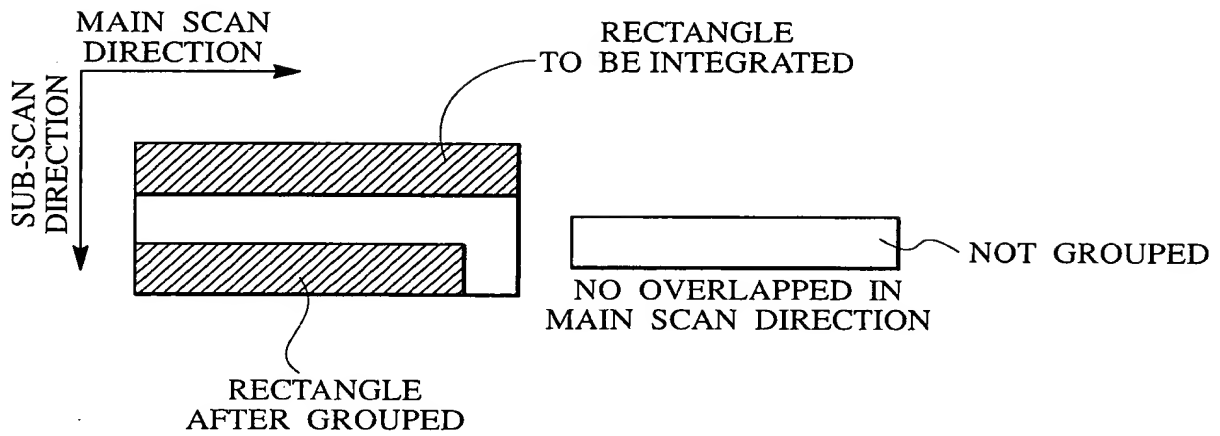


FIG. 15B

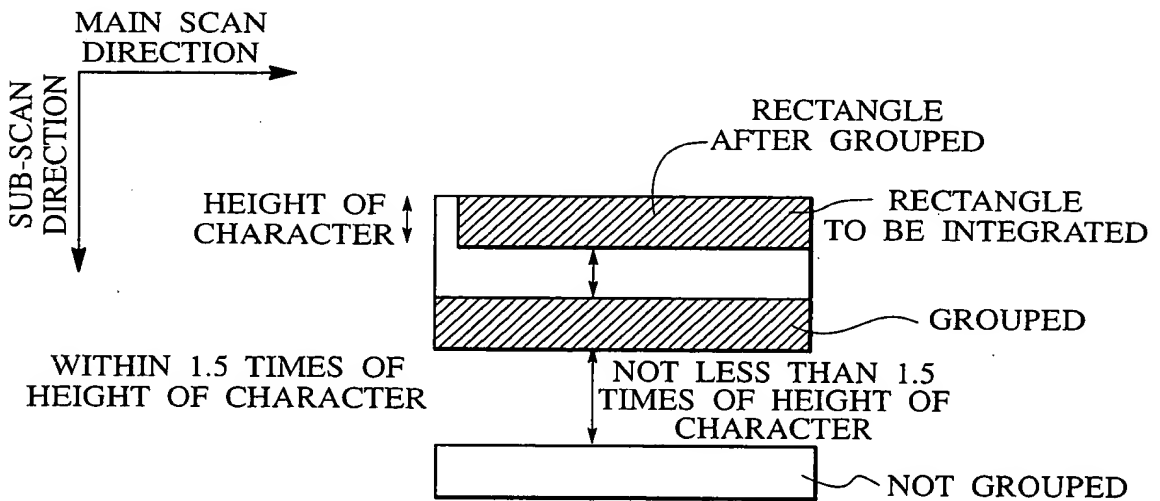


FIG. 16A

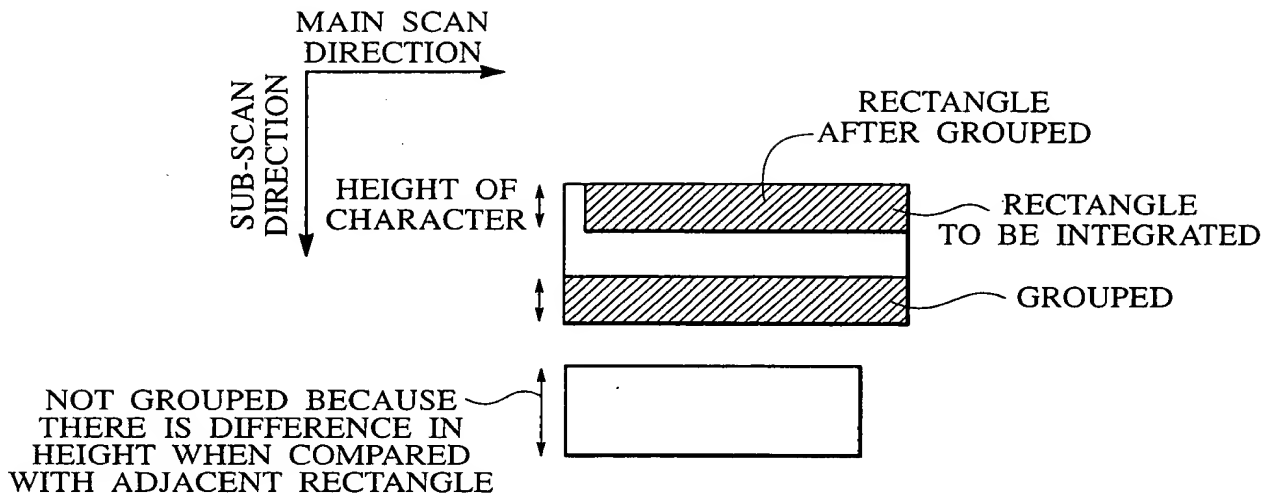


FIG. 16B

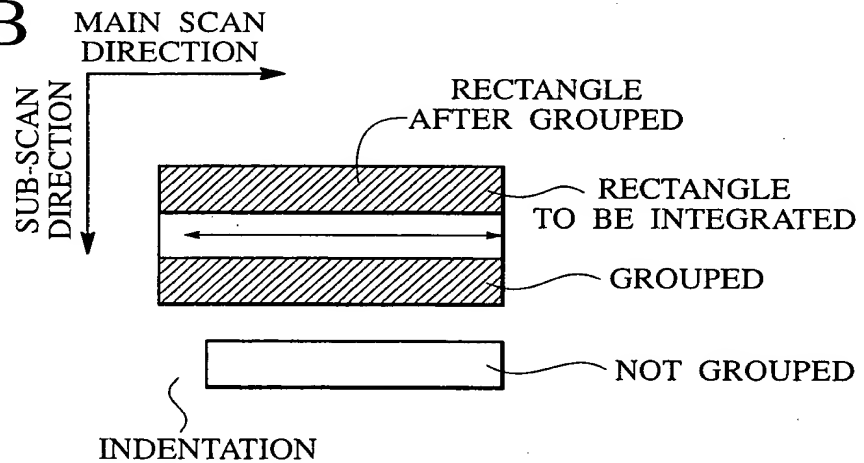


FIG. 16C

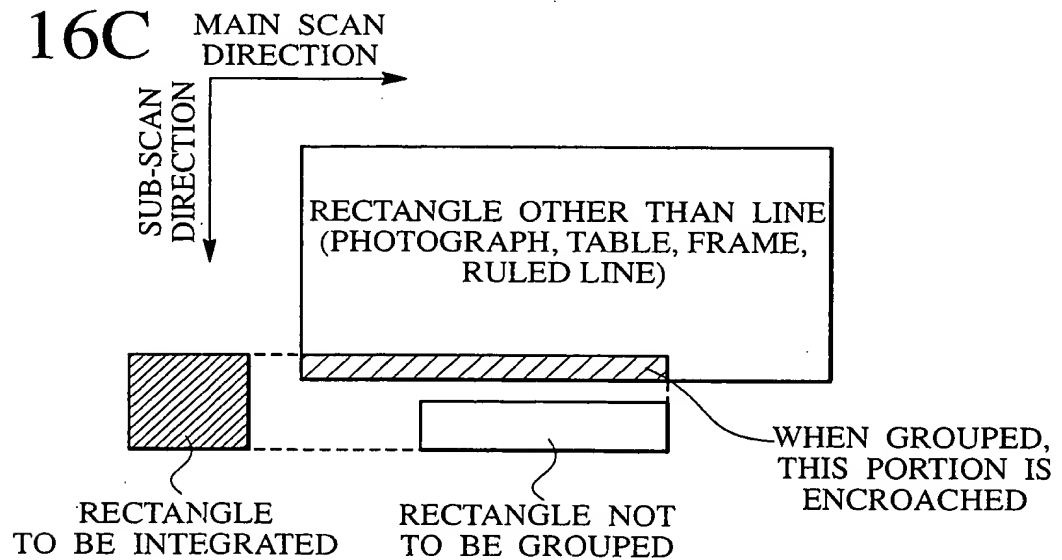
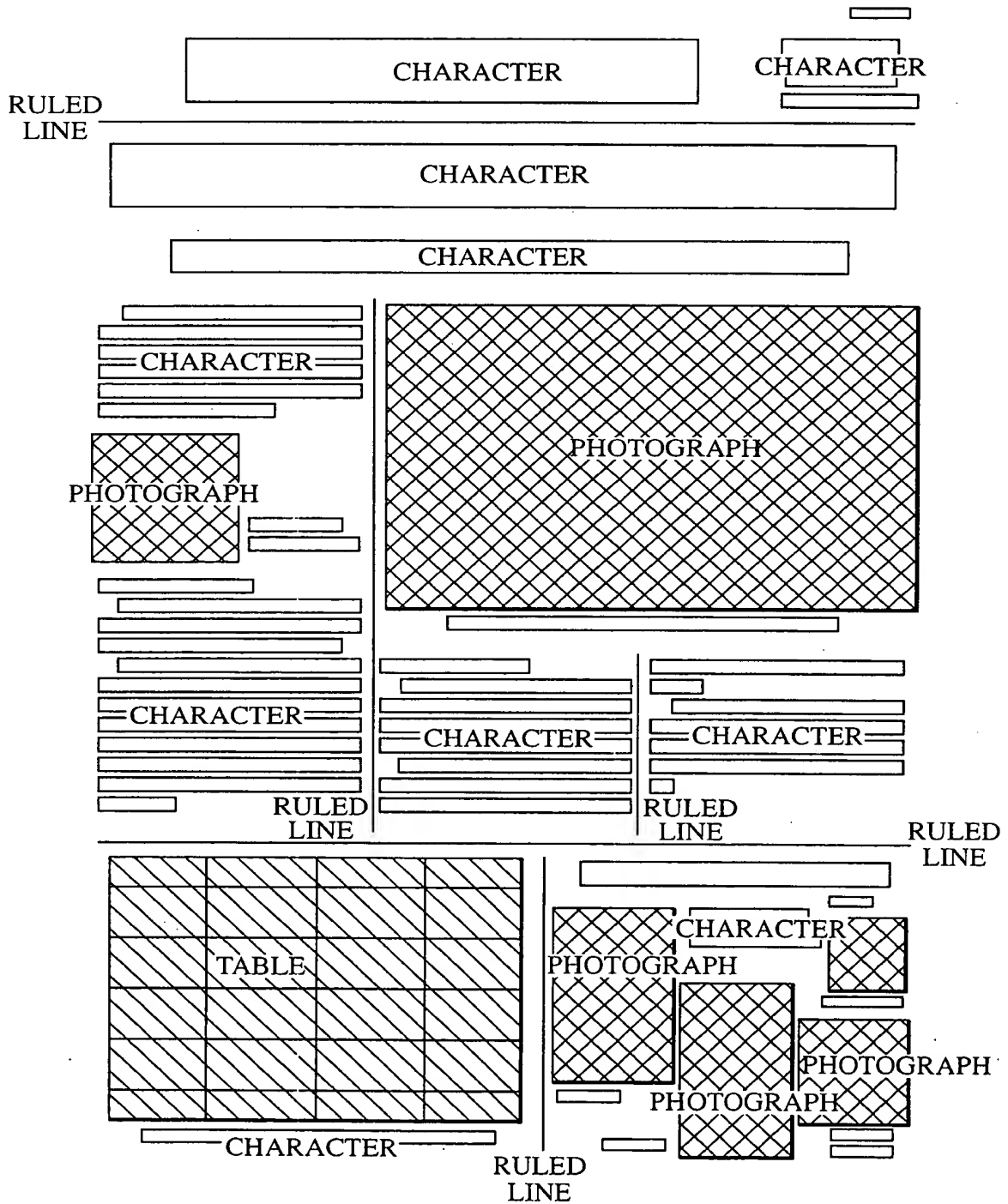
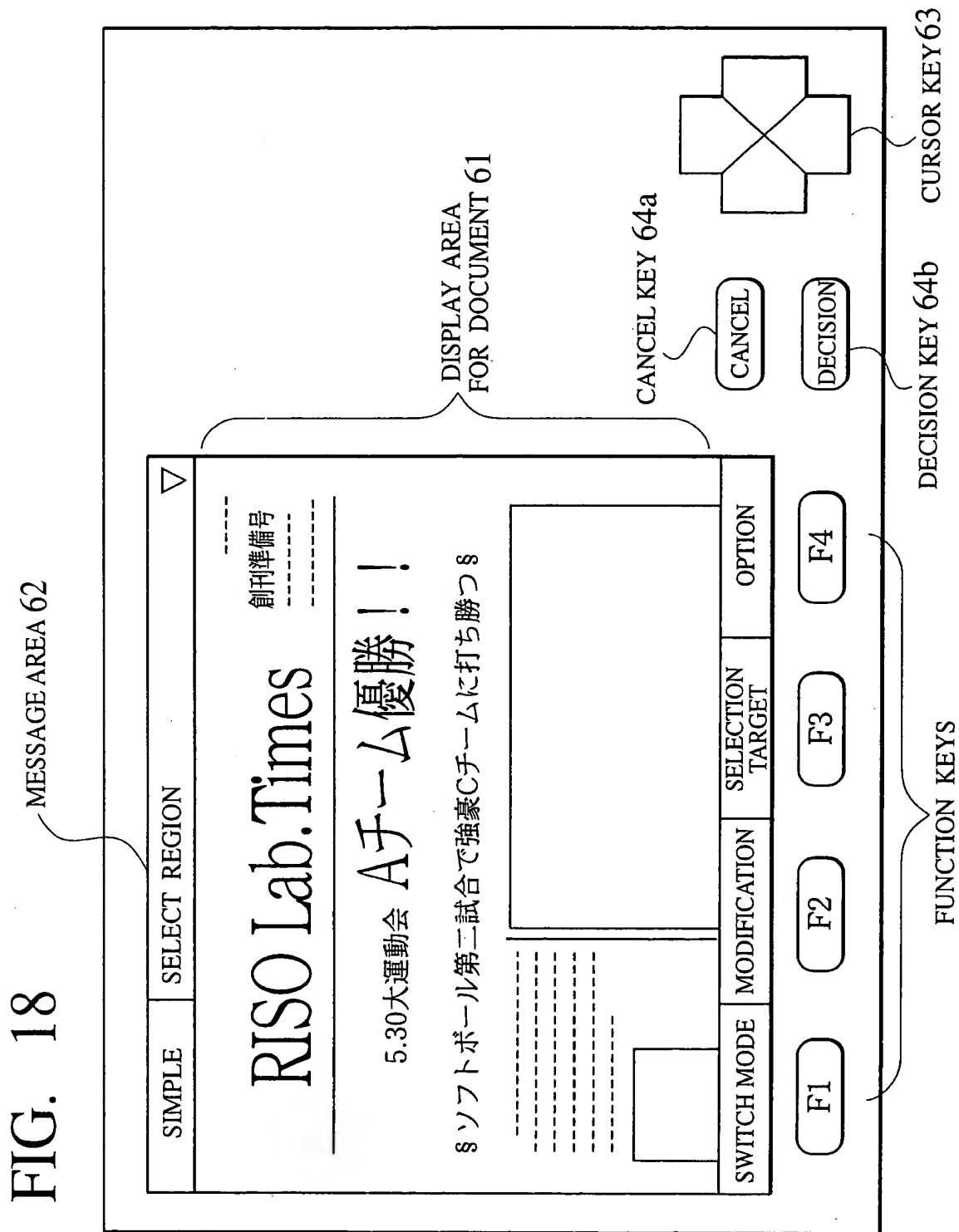


FIG. 17



RESULT OF REGION CUTTING



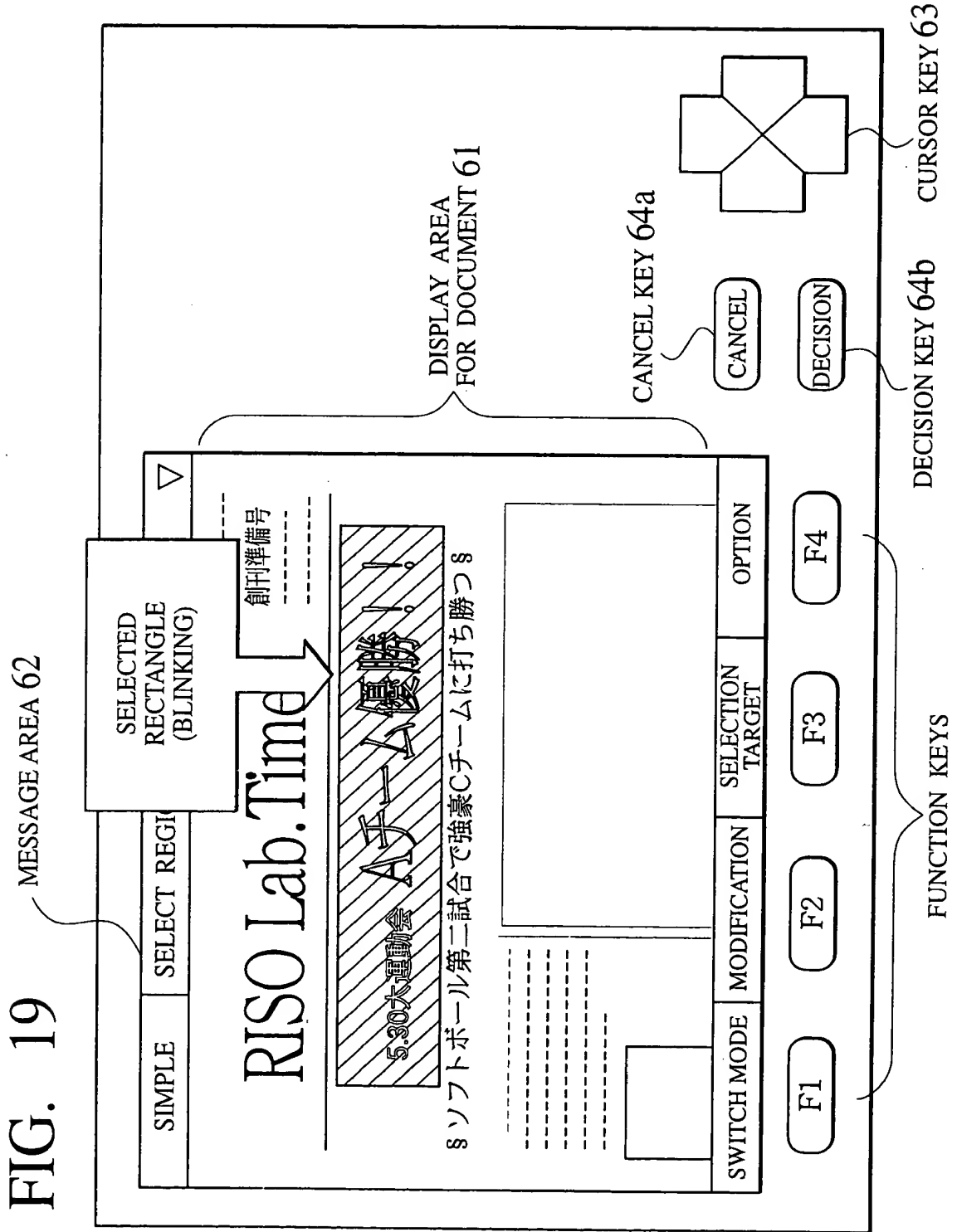


FIG. 20

MESSAGE AREA 62

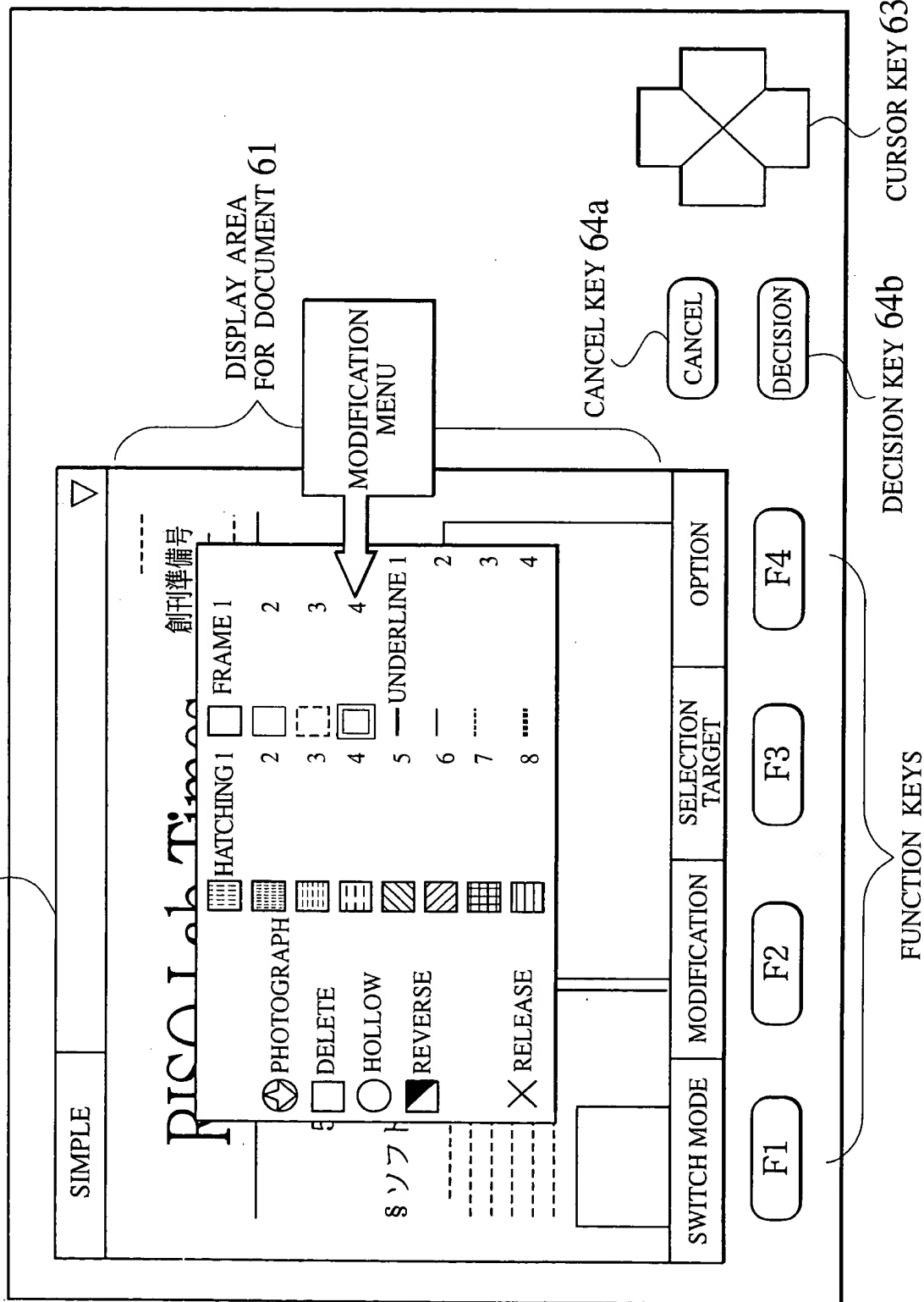


FIG. 21

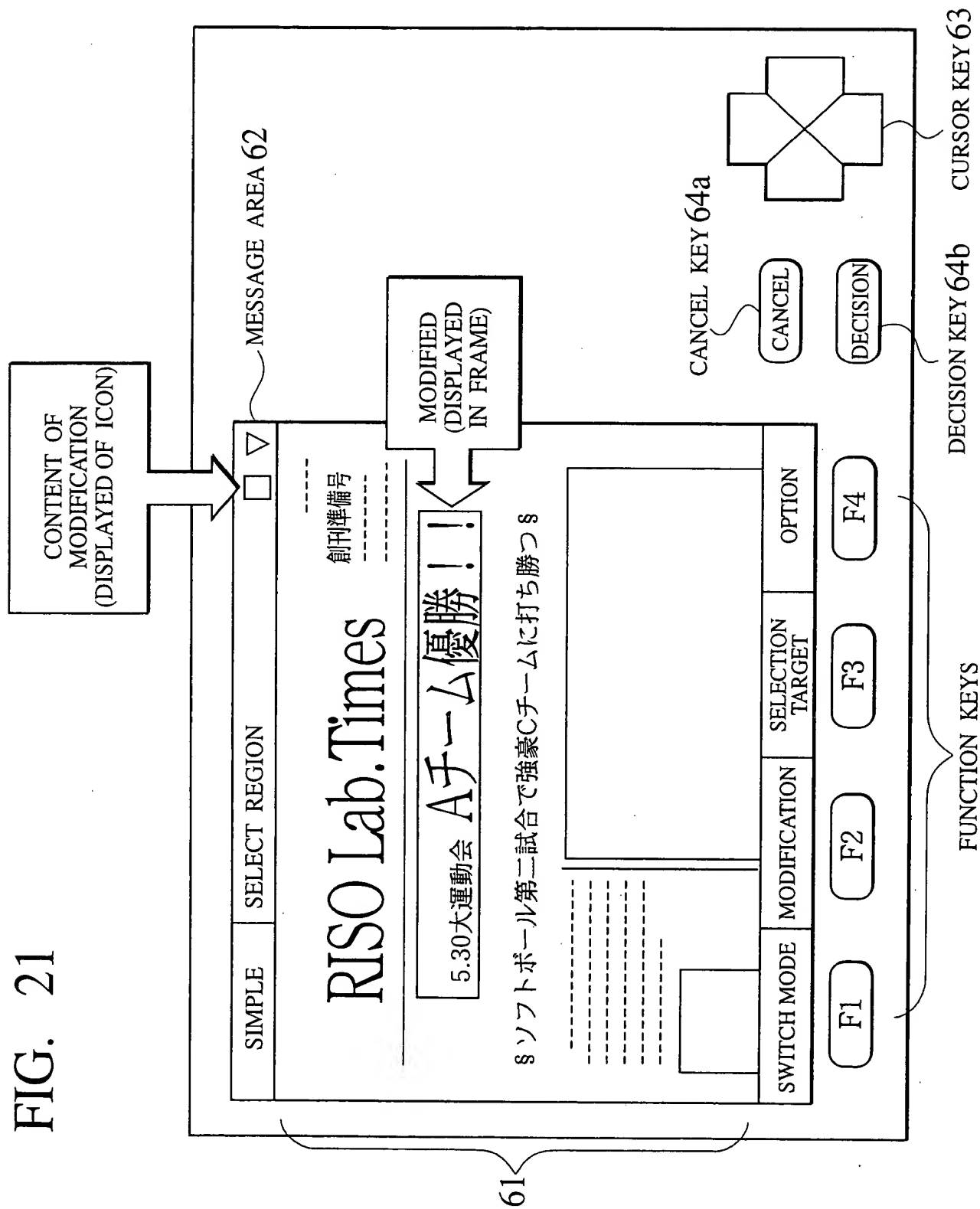


FIG. 22

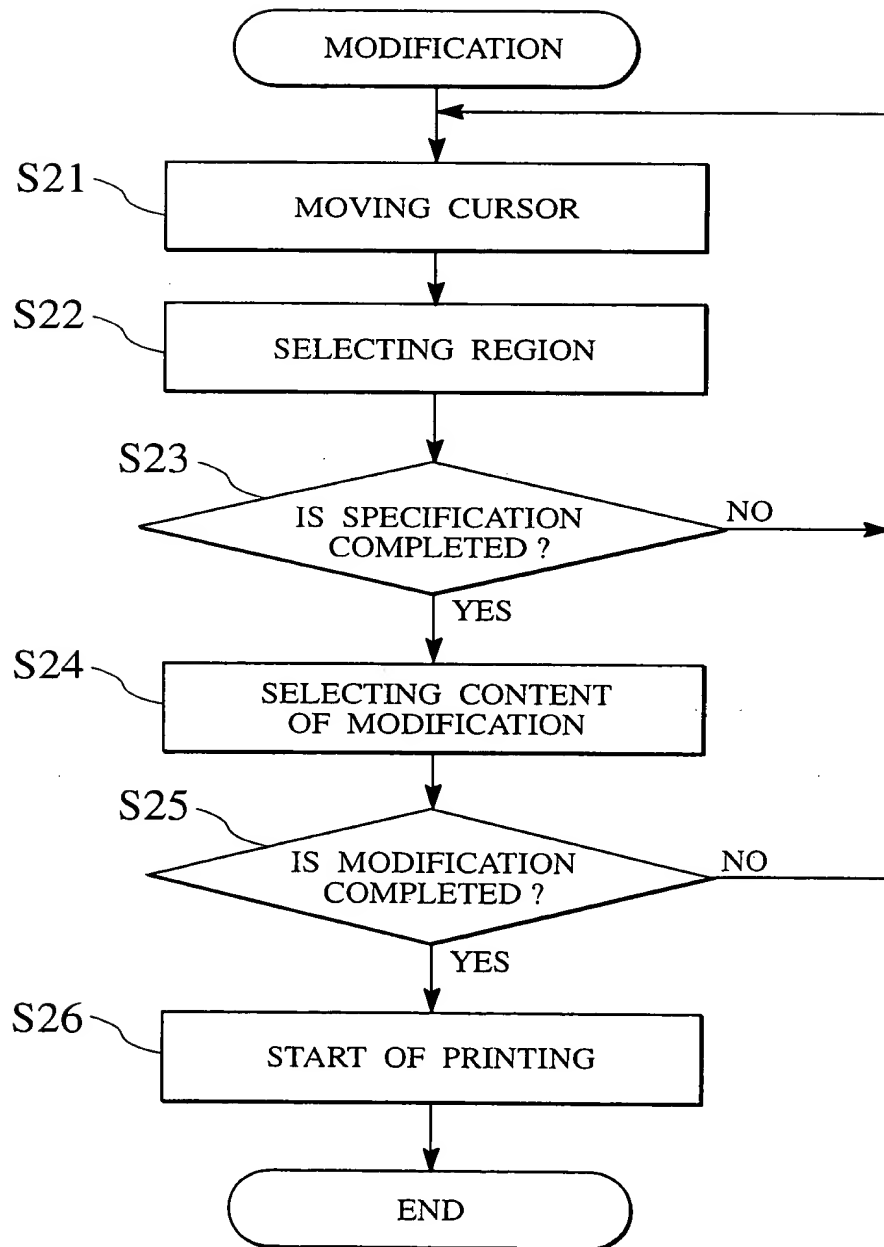


FIG. 23

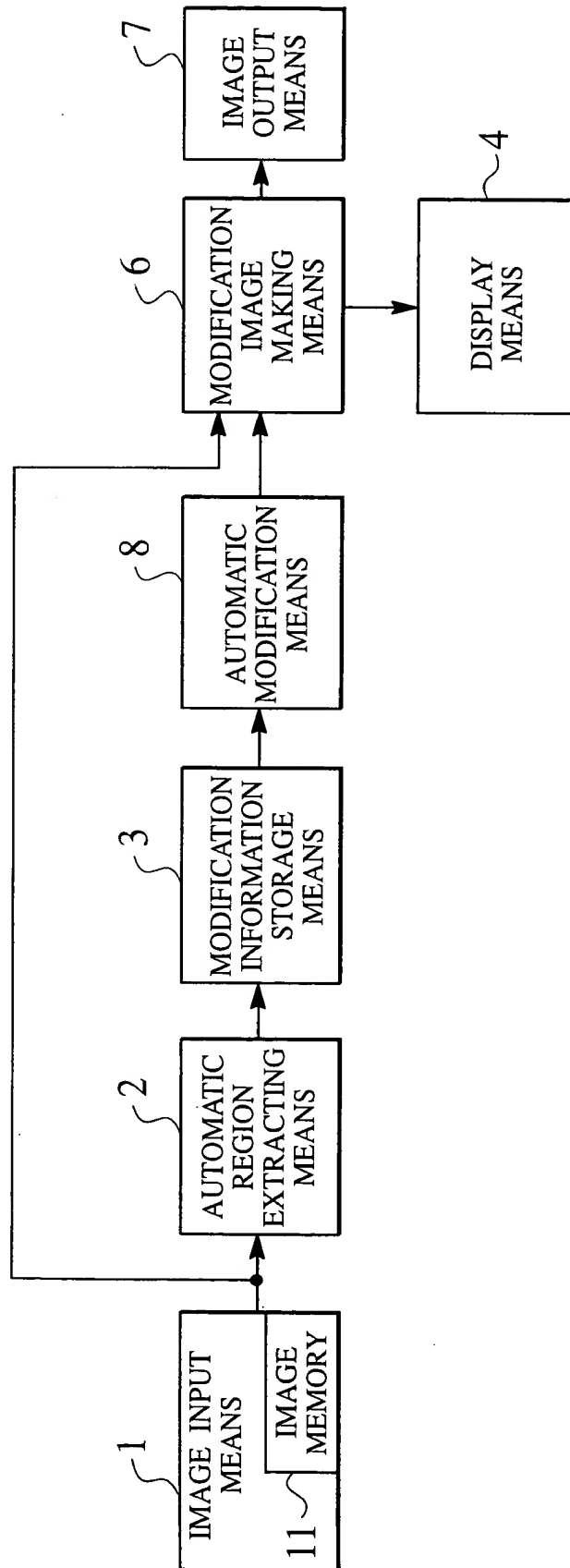


FIG. 24

POSITION OF RECTANGLE REGION	ATTRIBUTE	CONTENT OF MODIFICATION
TOPMOST LINE	HEADER	REVERSE
	ITEMS OF TABLE	SHADE